

ABSTRACT

In a network multimedia conference, a bridge service that functions as a proxy for a client to join the conference

5 dynamically selects a video stream from multiple video streams originating from the other participants of the conference and sends the selected video stream to the client for viewing.

The bridge service monitors conferencing events of each participant and updates conferencing activity state variables

10 of the participant, such as whether the participant is being shown to the client, whether the participant is talking, how long the participant has been shown or not shown, etc.

Periodically, a weight assigned to each of the participants is computed based on the state variables, and the video stream of

15 the participant with the highest weight is then selected for viewing by the client.

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